"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

(1)

CHITUL, Elena

STANCULESCU, V. RUMANIA

Bucharest, Igiena, Revista de Igiena si Sanatate Publica A Uniunii Societatilor de Stiinte Medicale din Republica Populara Romana, No 4, July-August 62, pp 355-361.

"The Effect of Industrial Residue Outflow from a Sugar Factory on the Receptor Basin." (Paper Compiled at the Institute of Public Health and Hygiene of the RPR, Cluj Branch.)

Co-authors:

ELGES, E.

CHITUL, Elena.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHITUL, Elena

JINGA, Nicolina GHELBERG - continued ROMANIA

Institute of Public Health and Hygiene of the RPR, Cluj Branch, Cluj Regiune (Institutul de Igiena si Sanatate Publica, Filiala Cluj).

Bucharest, Igiena, Revista de Igiena si Sanatate Publica, No 5, Vol XI, Sep-Oct 62, pp 417-420.

"Haematological Studies Concerning the Influence of Nitrates on the Blood."

Co-authors: GHELBERG, M. W.; CHITUL, Elena

(2 of 2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHITYAN, S.A.

Anatomy of the respiratory apparatus of the saiga. Izv.AN Arm. SSR.Biol.i sel'khoz.nauki 6 no.8:87-91 '53. (MLRA 9:8)

1. Kafedra anatomii Yerevanskogo zooveterinarnogo instituta.
(Respiratory organs--Mammals) (Saiga)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHITYAN, S.A.

Choanae of the buffalo. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 7. no.4:87-92 Ap '54. (MLRA 9:8)

1. Kafedra anatomii Yerevanskogo zooveterinarnogo instituta.
(Respiratory organs--Mammals) (Buffaloes)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

USSR / Farm Animals. Q-2

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45209

Author : Chityan, S. A.
Inst : Not given
Title : The Cranial Fossae of the Buffalo

Orig Pub : Tr. Yerevansk. zoovet. in-ta, 1956, vyp. 20, 135-141.

Abstract : The article presents the results of a comparative anatomical study of the craniocerebral fossae in 26 buffaloes and 15 oxen of different ages. The frontal fossa in the buffalo is almost twice as large (10 cm. longer and 2.5 cm. higher) as the frontal fossa of the domestic ox. The upper maxillary fossa in the buffalo is larger in size as compared with the domestic ox (mainly in depth); its ventral part is subdivided into anterior and posterior parts. The palatine fossa in the buffalo is twice as large (12 cm. longer and 2 cm wider) as the palatine fossa of the domestic ox.

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CHITYAN, S. M.

OMIRENSKIY, S.M.; KADILOV, Ye.V.; VOSKANYAN, V.B.; ARUTYUNYAN, P.I.; CHITYAN, S.M.; OGANESYAN, R.S.; KHOYETSYAN, R.M.

Materials on the slaughter and anatomical and histological study of the constitution of young local cattle and their crosses with Schwyz cattle. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 10 no.3: 23-34 Mr '57. (MLRA 10:5)

1. Yerevanskiy zooveterinarnyy institut.
(Armenia--Cattle--Anatomy)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIUM, A.

The dam and the power station at Lipno; p. 309.

VODNI HOSPODARSTVI. Czechoslovakia, No. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, Sep 1959
Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIUM, J.

Tasks of the third Five-Year Plaad and trade-marks. p.1

OCHRANNE ZNAMKY, CHRANENE VZORY. (Urad pro patenty a vynalezy) Praha, Czechoslovakia, Vol. 1, no.1, July 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no.2, Feb. 1960

Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIUMSKY, V.

Progressive trends in the design of piston compressors. p. 624

STROJIRENSTVI (Ministerstvo tezkeho strojirenstvi, Ministerstvo vseobecneho stronirenstvi) Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2, Feb. 1960

Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 15484-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS Pc-4/Ps-4/Pr-4 RM/WW

ACCESSION NR: AP3005448 S/0204/63/003/004/0518/0522 42, 41

AUTHORS: Areshidze, Kh. I.; Chivadze, G. O.

TITLE: Preparation of C sub 2 - C sub 4 monomers by the pyrolysis of hydrocarbon mixtures separated from petroleum

SOURCE: Neftekhimiya, v. 3, no. 4, 1963, 518-522

TOPIC TAGS: n-heptane pyrolysis, cyclohexane thermal decomposition, methylcyclopentane, thiocarbamide, thermal decomposition, cyclohexane

ABSTRACT: The pyrolysis of hydrocarbon fractions of n-heptane and two fractions of methylcyclopentane-cyclohexane which were separated by means of thiocarbamide from benzenes have been studied. The separation of n-heptane from the benzene for the use in the pyrolysis results in upgrading the benzene's explosive stability. The results of the thermal decomposition of n-heptane fraction show that the concentration of olefines and dienes of the composition C_2-C_4 is 56.3%, of which the ethylene fraction is 26.6%. The results of the pyrolysis

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L 15484-63

ACCESSION NR: AP3005448

of methylcyclopentane and cyclohexane fraction differ from the pyrolysis of n-hexane. At a temperature of 735C, the content of olefine and diene fractions of the composition C_3-C_4 is 64.9%, which contains 18.7% of butadiene. The maximum content of olefins and dienes from the thermal decomposition of cyclohexane and methylcyclopentane at a temperature of 730C was 73.7% and a maximum content of butadiene in the gas at 735C was 18.6%. The study shows that the type of raw material used will determine the composition of the gas produced with the application of the above pyrolytic methods. Orig. art. has: 1 table.

ASSOCIATION: Institut khimii AN GruzSSR im. P. G. Melikishvili (Institute of chemistry, AN GSSR)

SUBMITTED: 21Feb62 DATE ACQ: 06Sep63 ENCL: 00

SUB CODE: CH NO REF SOV: 009 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

ARESHIDZE, Kh.I.; CHIVADZE, G.O.

Pyrolysis of the product of petroleum refinery for the purpose of obtaining monomers. Soob. AN Gruz. SSR 39 no.1: 59-66 Jl '65. (MIRA 18:10)

1. Chlen-korrespondent AN GruzSSR (for Areshidze).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

ACCESSION NR: AP4011473 S/0251/63/032/002/0343/0350

AUTHOR: Areshidze, Kh. I.; Chivadze, G. O.

TITLE: Preparation of olefinic and diolefinic monomers by the thermal decomposition of low-octane gasolines

SOURCE: AN GruzSSR. Soobshcheniya, v. 32, no. 2, 1963, 343-350

TOPIC TAGS: olefin, diolefin, gasoline pyrolysis, low octane gasoline pyrolysis, ethylene, butadiene, unsaturated hydrocarbon, normal alkane, paraffin hydrocarbon

ABSTRACT: Low octane numbers of gasolines are often caused by the presence of large amounts of normal alkanes. The authors attempted to find out whether C_2--C_4 olefins would be formed when gasoline containing aromatic, naphthenic and iso-paraffinic hydrocarbons in addition to normal alkanes was subjected to pyrolysis. The starting material contained cyclohexane and its homologues, which gave butadiene on pyrolysis. In order to obtain olefinic and diolefinic monomers, the authors subjected low-octane gasolines from Mirzaan and Turkmen petroleum to pyrolysis. The experiments were carried out at 800°C in the presence of water vapor. The reaction vessel was a quartz tube placed in an electric furnace. In some experiments, a gas containing ethylene in amounts of 36.5 to 37.8% by volume was obtained.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

ACCESSION NR: AP4011473

The high content of ethylene in the gases produced by the pyrolysis of low-octane gasolines makes its separation easier. The total amount of unsaturated hydrocarbons in the liquid pyrolysate was determined by means of the bromine number. The bromine number in the pyrolysates of Mirzaan gasoline varied between 7.3 and 32.4, and that of the Turkmen gasoline, between 13.1 and 30.1.

ASSOCIATION: none

SUBMITTED: 07Jun63 DATE ACQ: 10Feb64 ENCL: 00

SUB CODE: FP NO REF SOV: 009 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 40890-66 EWT(m)/T WE/GD

ACC NR: AT6017559 (A) SOURCE CODE: UR/0000/65/000/000/0294/0298

43
41
B+1

AUTHOR: Areshidze, Kh. I.; Chivadze, G. O.

ORG: none

TITLE: Refining of Turkmenian gasoline by means of CaA synthetic zeolite

SOURCE: Vsesoyuznoye soveshchaniye po tseolitam. 2d, Leningrad, 1964. Tseolity, ikh sintez, svoystva i primeneniye (Zeolites, their synthesis, properties, and application); materialy soveshchaniya. Moscow, Izd-vo Nauka, 1965, 294-298

TOPIC TAGS: zeolite, octane improver, fuel octane rating, adsorption, chromatography, alkane, petrochemistry

ABSTRACT: An artificial CaA zeolite, in the form of granules furnished by the Gorkii Experimental Station of VNIINP (Gor'kovskaya opytnaya baza VNIINP) was employed to remove n-alkanes (180C, 400 mm Hg, gasoline flow rate 0.15 hr^{-1}) from gasoline refined at the Batumi Petroleum Refinery (Batumskiy neftepererabatyvayushchiy zavod) from Turkmenian crude in an attempt to improve its present octane number of 55. Isolated n-alkanes were identified by vapor-liquid chromatography, their percentage and the physical properties of the gasoline are listed. The octane number was improved to 72.7 (empirical test). Some of the results are tabulated.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 40890-66
ACC NR: AT6017559

Table 1. Results of experiments on the separation of n-alkanes from gasoline

Gasoline property	Initial gasoline	Deparaffinated gasoline	Mixture of n-alkanes
Yield, wt. %	--	76.8	20.2
Specific gravity d_4^{20}	0.7229	0.7301	0.6792
Refractive index nD^{20}	1.4109	1.4193	1.3840
Group hydrocarbon composition, wt. %			
paraffinic	53.2	41.2	91.7
naphthenic	35.7	44.6	--
aromatic	11.1	14.0	--
Maximum aniline point	56.8	50.4	69.5
Octane number	55	72.7	--
Fractional composition, °C			
beginning of boiling	37	43	37
10% boils	77	79	78
50% boils	110	115	103
90% boils	145	147	130
end of boiling	158	158	151

The separation of n-alkanes was investigated by the gas-liquid chromatography method. This

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L 40890-66

ACC NR: AT6017559

2

part of the work was performed at the Institute of Organic Chemistry im. N. D. Zelinskiy, AN SSSR (Institut organicheskoy khimii AN SSSR) by Senior Scientific Worker M. I. Rozengart, to whom the authors express their sincere gratitude. Orig. art. has: 1 table and 1 figure.

SUB CODE: 07,11/ SUBM DATE: 29Oct65/ ORIG REF: 011/ OTH REF: 004

Card 3/3 MLP

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

FRANTIU, Ion, ing.; LOZICIU, Martin, ing.; LAIU, Nicolaie, ing.; IANAS, V., ing,. colaborator; CHIVARAN, C., colaborator; DONICI, D., ing., colaborator

Some problems related to the quality of siliceous plates. Metalurgia constr mas 14 no.1:31-35 Ja '62.

1. Institutul de cercetari metalurgice (for Frantiu, Loziciu and Laiu) 2. Uzina de masini electrice "Dinamo," Bucuresti (for Iamas and Chivaran). 3. Institutul de cercetari electrotehnice (for Donici).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

WEINRICH, G.; LANDAU, I.D.; ANASTASIU, S; CONSTANTINESCU, M.; CHIVARAN, St.

Automatic speed control fo direct current engines controlled by thyristors. Probleme automatiz 203-220 5 N '62.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVARKOV, T. M.

USSR/Engineering - Steel Rolling

Card 1/1

Authors : Chivarkov, T. M., and Frolova, A. N.

Title : The rolling of external threads on hollow components with internal threads

Periodical : Avt. Trakt. Prom. Ed. 1, 28, January 1954

Abstract : Brief description of experiment performed in the Moscow Stalin automobile factory is presented on rolling of external threads on hollow components with internal threads, by means of round rollers made of Khl2M steel. A hollow component with a 4 mm thick wall was utilized for this purpose. It was found that the best results were obtained under pressure of 5000 kg/cm^2, calibration time of 3 sec., and feed of 0.09 mm per one rotation of a roller, at the rolling speed of 16.2 m/min. Diagrams.

Institution : ....

Submitted : ....

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVAYEV, A.P.; OSIPOVA, G.I.

Some results of an analysis of network observations on clouds and precipitation in the mountain basin of Lake Sevan. Trudy GGO no.126:40-56 '62. (MIRA 15:7)
(Sevan Lake region--Meteorology--Observations)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

HIVCHIBASHIEV, I.

We study our native land" (p.24) GEOGRAFIIA
Bulgarsko Geografsko Druzhestvo) Sofiya Vol 4 No 1 1954

D: East European Accessions List Vol 3 No 8 Aug 1954

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

SHIRANOVICH, P.I (Rostov-na-Donu); IVANOV, K.A. (Rostov-na-Donu); POLKOVOVA, Ye.N. (Rostov-na-Donu); CHIVELOV, V.I. (Rostov-na-Donu)

Fleas in human dwellings in Caspian Lowlands. Med.paraz.i paraz.bol. 33 no.4:494-495 Jl-Ag '64. (MIRA 18:3)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVELEV, V.I.

Improved labor protection and safety techniques. Tekst.prom. 19 no.4:81-82 Ap '59. (MIRA 12:6)

1. Predsedatel' fabrichnogo komiteta profsoyuza Stalinabadskoy trikotazhnoy fabriki.
(Textile factories--Safety measures)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVIDZHIYAN, G. G. (Sukhumi)

Strychnine nitrate therapy in luminal poisoning. Klin. med. no.9:132-133 '61. (MIRA 15:6)

1. Iz terapevticheskogo otdeleniya (zav. T. D. Milorava) Sukhumskoy gorodskoy bol'nitsy imeni V. A. Shervashidze (glavnyy vrach N. Ye. Bendeliyani)

(PHENOBARBITAL—TOXICOLOGY)
(STRYCHNINE—THERAPEUTIC USE)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

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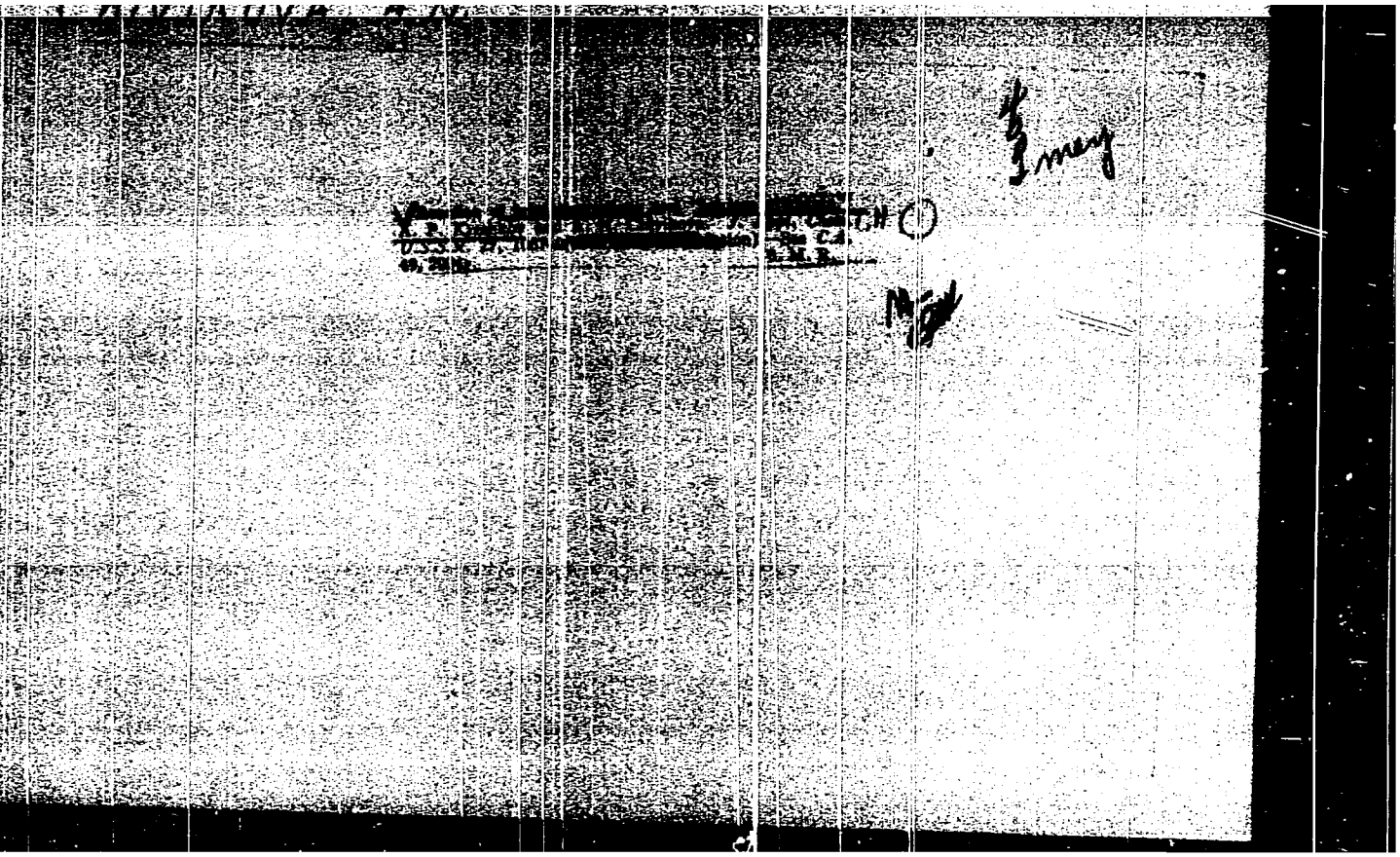

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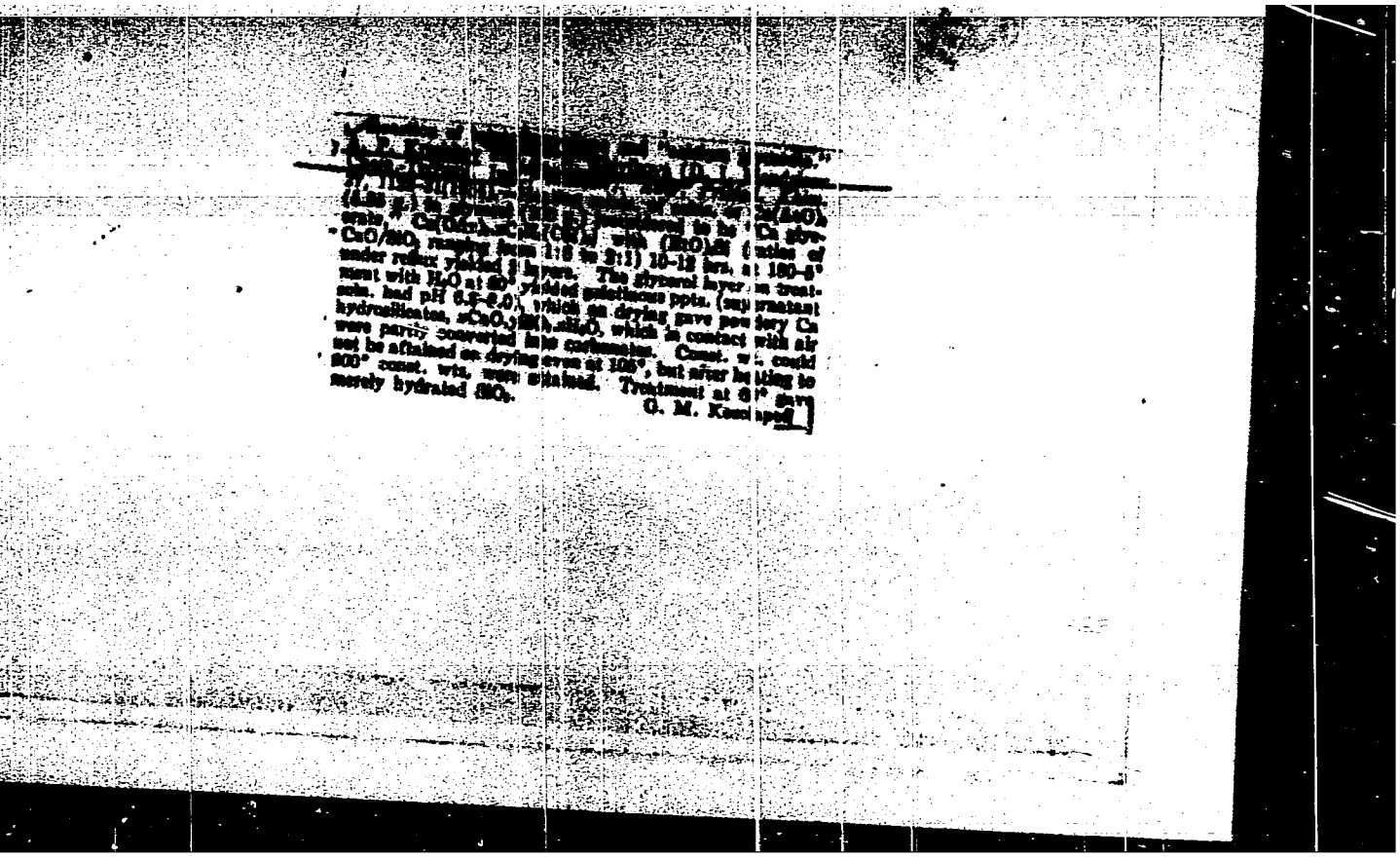

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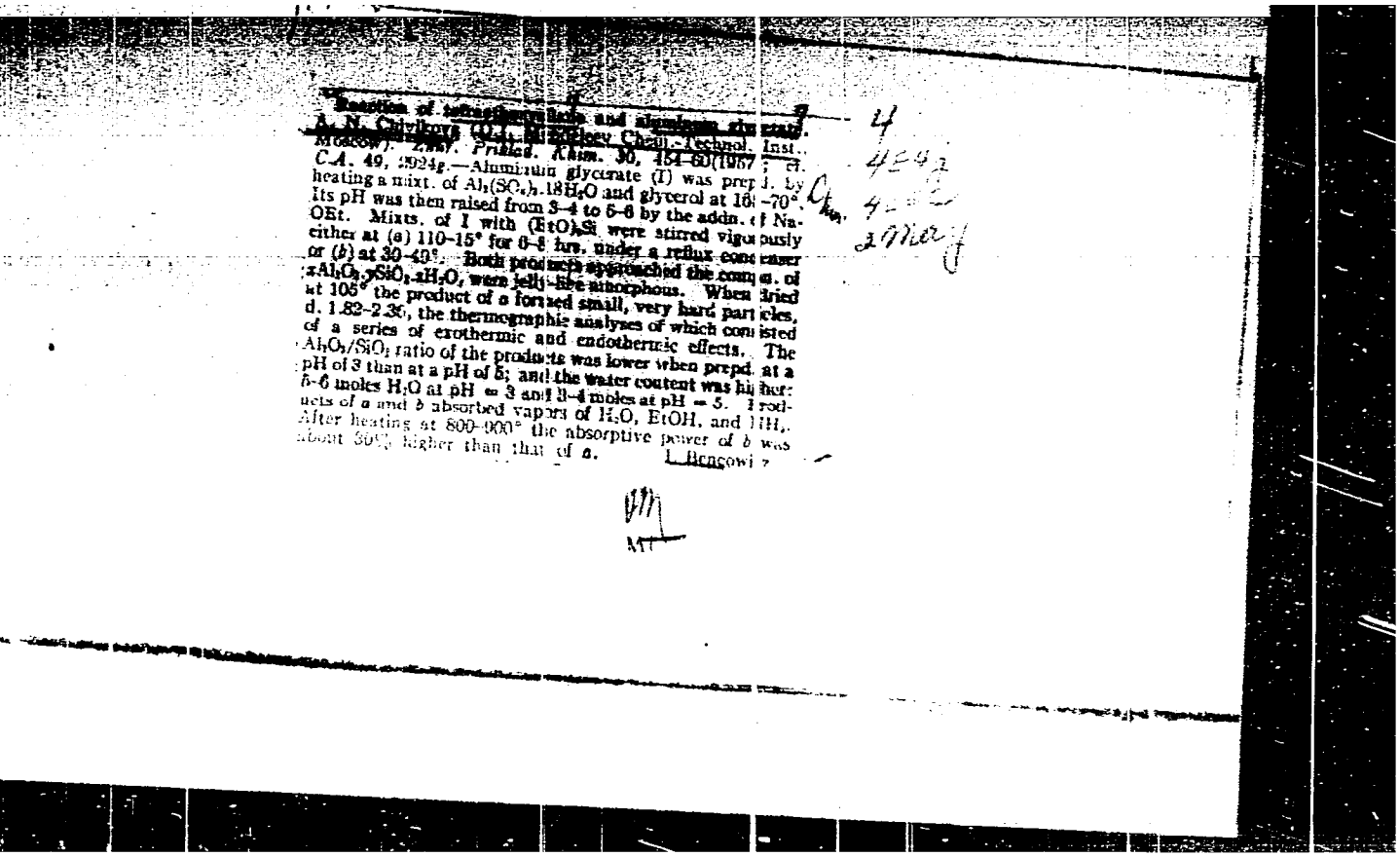

Reaction of tetraethoxysilane and aluminum glycerate. A. N. Chirkunov (Q.), M. Moskov. Khim.-Tekhnol. Inst., Moscow). *Zhur. Prikład. Khim.* 30, 484–90(1957); cf. *C.A.* 49, 3924g.—Aluminum glycerate (I) was prepd. by heating a mixt. of $Al_2(SO_4)_3 \cdot 18H_2O$ and glycerol at 160–70°. Its pH was then raised from 3–4 to 5–6 by the addn. of NaOEt. Mixts. of I with $(EtO)_4Si$ were stirred vigorously either at (*a*) 110–15° for 6–8 hrs. under a reflux condenser or (*b*) at 30–40°. Both products approached the compn. of $xAl_2O_3 \cdot ySiO_2 \cdot zH_2O$, were jelly-like amorphous. When dried at 105° the product of *a* formed small, very hard particles, d. 1.82–2.36, the thermographic analyses of which consisted of a series of exothermic and endothermic effects. The Al_2O_3/SiO_2 ratio of the products was lower when prepd. at a pH of 3 than at a pH of 5; and the water content was higher: 5–6 moles H_2O at pH = 3 and 3–4 moles at pH = 5. Products of *a* and *b* absorbed vapors of H_2O, EtOH, and NH_3. After heating at 800–900° the absorptive power of *b* was about 50% higher than that of *a*. L. Bengowi z

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

S/661/61/000/006/033/081
D205/D302

AUTHORS: Khananashvili, L. M., Chivikova, A. N., Kreshkov, A. P. and Darashkevich, M. L.

TITLE: Interaction of alkoxysilanes with inorganic compounds

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soyedineniy; trudy konferentsii. no. 6: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len., 1958. Leningrad, Izd-vo AN SSSR, 1961, 159-161

TEXT: For investigation of the interaction products the thermographic method was applied. The thermogram of the interaction product of methyl triethoxysilane with an aqueous solution of sodium aluminate showed that the product was a chemical compound and not a mixture. Physico-chemical investigations of the interaction products of silico-organic and inorganic compounds allow the conclusion that in their structure and composition they are similar to ordinary

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

KRESHKOV, A.P.; CHIVIKOVA, A.N.; ZAGOROVSKAYA, A.A.

Reaction of tetraethoxysilane with magnesium glycerate in a glycerol solution. Zhur.prikl.khim. 36 no.3:639-644 My '63. (MIRA 16:5)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I.Mendeleyeva.
(Silane) (Glyceric acid) (Magnesium salts)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 12681-63

ACCESSION NR: AP3000650 EWP(1)/BDS/ S/0080/63/036/003/0639/0644
EPF(c)/EWT(m) ASD Pc-4/Pr-4 RM/WW

AUTHOR: Kreshkov, A. P.; Chivikova, A. N.; Zagorovskaya, A. A.

65
64

TITLE: Interaction of tetraethoxysilane with magnesium glyceride in glycerol solution

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 3, 1963, 639-644

TOPIC TAGS: tetraethoxysilane, Mg glyceride, Mg glycerosilicates, hydrolysis, hydrated Mg silicates, MgO to 1:85 SiO sub 2 ratio

ABSTRACT: The reaction between tetraethoxysilane and Mg glyceride was carried out in a flask with stirrer and cooling means: to a charge of 25 g Mg acetate in 100 g of glycerol tetraethoxysilane was added dropwise with agitation in such quantities that the MgO:SiO sub 2 ratio was 1:1, 1:2, or 1:4. The reaction was continued 10-12 hours at 125-155° to homogeneity. Viscous yellow products, starting to melt at 150°, purified from ethanol, were amorphous Mg glycerosilicates. Traces of moisture in the reaction lowered the organic content in the Mg glycerosilicates. The proposed formulas, compositions, and IR-curves are given. Hot-water hydrolysis gave hydrated Mg silicates. The extensive chemical and physical properties of these are tabulated; dissociation and dehydration curves are given. The maximum silicate ratio obtained was MgO:1.85 SiO sub 2, regardless of excess tetraethoxysilane in

Card 1/2

Associated: Moscow Inst. of Chemical Technology

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

VIL'BERG, S.S. [deceased]; DROZDOV, V.A.; KARATEYEV, D.A. [deceased]; MYSHLYAYEVA, L.V., dots.; SAYUSHKINA, Ye.N.; SERPINSKAYA, L.P.; CHIVIKOVA, A.N.; DRAKIN, S.I., dots., retsenzent

[Methodological textbook for independent student work in a course of analytical chemistry] Uchebno-metodicheskoe posobie dlia samostoiatel'noi raboty studentov nad kursom analiticheskoi khimii. Moskva, Mosk. khimiko-tekhnolog. in-t, 1964. 150 p. (MIRA 18:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

KRESHKOV, A.P.; CHIVIKOVA, A.N.; ZAGOROVSKAYA, A.A.

Rapid method of determining free amorphous silicon dioxide in clays. Zhur. anal. khim. 20 no. 11:1253-1255 '65 (MIRA 19:1)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva. Submitted January 8, 1965.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

S/079/62/032/012/001/008
D424/D307

AUTHORS: Kreshkov, A.P., Chivikova, L.N. and Zagorovskaya, A.A.

TITLE: A new method for the production of hydrosilicates in a nonaqueous medium

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 12, 1962, 3864-3867

TEXT: The synthesis of silicates is important in connection with the development of inorganic polymers. Although known methods for synthesizing silicates by the fusion of metallic oxides with silica and by precipitating aqueous solutions of alkali metal silicates with metallic salts have disadvantages, notably variability of composition and lack of crystallinity in the products, which are avoided by working nonaqueous solutions, the previous methods of so working had only a limited applicability. It has now been found that silica is dissolved by glycerol solutions of sodium glyceroxide to give a highly reactive sodium glycero-silicate

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 62805-65 EWT(m)/EWP(w)/EPF(c)/EWA(d)/T/EWA(m)-2

ACCESSION NR: AT5014805 UR/0128/65/000/007/0001/0003

621.746.57:669.14.018.8

AUTHOR: Gulyayev, B. B. (Doctor of technical sciences); Kuzin, A. V. (Engineer); Galkin, M. P. (Candidate of technical sciences); Chiviksin, Ya. Ye. (Engineer)

TITLE: Defects in high-alloy steel castings and their prevention

SOURCE: Liteynoye proizvodstvo, no. 7, 1965, 1-3

TOPIC TAGS: high alloy steel, casting defect, steel casting, chromium steel

ABSTRACT: The development of chemical machine building has necessitated extensive casting of complex alloy steels containing 18-20% of Cr, [illegible] Ni, Mn, Ti, and other admixtures. These steels are [illegible] and Mn with atmospheric oxygen [illegible] ing and casting result in specific gas [illegible] affect [illegible] variations in the content of [illegible] properties, [illegible] corrosion resistance, [illegible] in KhN65MV, [illegible] has been a detailed study of the [illegible] and KhN25N5TMFL steels, and effects [illegible] of casting procedures which promote [illegible]

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 62805-65
ACCESSION NR: AP5018145

[illegible] defects. Orig. art. has: 2 formulas, 10 figures, and 2 tables.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 005 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

KRAYZMER, Leonid Pavlovich; GITIS, E.I., retsenzent; CHIVILEV, A.F., red.

[High-speed ferromagnetic memory devices] Bystrodeistvuiushchie ferromagnitnye zapominaiushchie ustroistva. Moskva, Energiia, 1964. 370 p. (MIRA 17:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVILIKHIN, A.I., veterinarnyy vrach (st. Kryukovo, Moskovskoy oblasti).

Post-partum complications in highly productive cows. Veterinariia 30 no.2:41-42 F '53. (MLRA 6:2)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVILIKHIN, Vladimir; KUKUSHKIN, V., red.; PARKHOMENKO, V., tekhn.red.

[Rustle, taiga, rustle] Shumi, taiga, shumi! Moskva, Izd-vo "Pravda," 1960. 78 p. (Biblioteka "Komsomol'skoi pravdy," no.6). (MIRA 13:6)

(Altai Mountains--Cedar)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

STEPANOV, Vitaliy Andreyevich; CHIVILIKHIN, V., red.; SHAGARINA, A., tekhn.red.

[In the winds of the steppes; notes of a Communist Youth League organizer on a state farm in the virgin lands] Pod vetrami stepnymi; iz zapisok komsorga tselinnogo sovkhoza. Moskva, Izd-vo "Pravda," 1961. 63 p. (Biblioteka "Komsomol'skoi pravdy," no.5) (MIRA 14:6)
(Communist Youth League) (State farms)

[redacted]

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

L 46145-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR: AP6026738 (A) SOURCE CODE: UR/0183/66/000/003/0042/0043

AUTHOR: Serkov, A. T.; Budnitskiy, G. A.; Chivilikhina, M. P.; Veretennikova, T. P.; Shishkina, N. P.; Kondrashova, I. A.; Muravleva, L. V.; Ordina, V. I.

ORG: VNIIV

34
B

TITLE: Improving the quality of viscose cord

SOURCE: Khimicheskiye volokna, no. 3, 1966, 42-43

TOPIC TAGS: cellulose, synthetic material, cellulose plastic, synthetic fiber

ABSTRACT: The details of a modified procedure for manufacturing high tensile strength viscose cords are described. In essence, the procedure consists of accelerated processes of coagulation, filtration, and cord forming. It also requires the use of high purity reagents: sulfuric acid (GOST 2184-59), and ethylene oxide- and aliphatic amine derivatives as modifiers. The modified procedure does not require any new machines, only a minor adjustment of the cord spinning procedure. It is claimed that the modified procedure is capable of yielding viscose cords with tensile strength by 50-60% greater than that manufactured elsewhere in the world. Orig. art. has: 2 figures.

SUB CODE: 11/ SUBM DATE: 28Feb66/ ORIG REF: 004

Card 1/1 fdh UDC: 677.463

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVIN, S.S.; MARKOVCHIN, G.P., inzh.

Make a better utilization of mechanisms. Put' i put.khoz. 7 no.9: 24 '63. (MIRA 16:10)

1. Nachal'nik Tul'skoy distantsii Moskovskoy dorogi (for Chivin).
2. Tul'skaya distantsiya Moskovskoy dorogi (for Markovchin).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

RUZHENTSEVA, A.K.; CHIVIREVA, A.M.

Analytic characteristics of nitrenol. Khim. i med. no.16:14-15 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

RUZHENTSEVA, A.K.; CHIVIREVA, A.M.; LEYFEROVA, N.G.

Quantitative determination of compounds containing the ethylamine groups of dipine and phosphasine. Med. prom. 16 no.1:46-47 Ja '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni Ordzhonikidze.
(ETHYLAMINE)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

SNISARENKO, L.I.; CHIVIR'OV, O.M. [Chyvyr'ov, O.M.]; POZNYAKOVA, L.Ye. [Pozniakova, L.IE.]; SHUSTOVA, V.P.

Sanitary and hygienic work conditions in the tin can shops of canned food enterprises. Khar. prom. no.4:34-36 O-D '65. (MIRA 18:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVKIN, A., mayor, voyennyy letchik vtorogo klassa

Above the target. Av. i kosm. 47 no.6:17-18 Je '65. (MIRA 18:5)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVKIN, A., mayor, voyennyy letchik vtorogo klassa

Hundred seconds of an attack. Av. i kosm. 47 no.7:21-23 Jl '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

EFREMOVA, L. S.; LUTS, A. A.; CHIVKUL', E. P.

"Izmeniya v tekhnike rybolovstva, v kul'ture i v bytu rybakov Sovetskoy Latvii i Estonii."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.; SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; NALOYEV, G.A., inzh.; CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh. GULYAYEV, A.I., inzh.; STIGNEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.; KHELIMSKIY, I.Ye., inzh.; AVROV, A.N., inzh.; DEMIDOVA, M.I., inzh.; NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I., inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHTUL', A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV, P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A., ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Prinimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.; SOKOLOV, S.D.; STOROZHKO, I.G.; FOMINYKH, A.I.. POLYAKOVA, N., red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the Gorkiy Automobile Plant] Organizatsiia i sovershenstvovanie proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov, Polyakova, Smirnov).

(Gorkiy--Automobile industry)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVKUNOVA, Ye. A.

"Change in the Number of Thrombocytes and the Thrombocyte Formula in Malaria," Tezisy Dokladov 9-y Nauchnoy Sessii Kishinevskogo Gosudarstvennogo Meditsinskogo Instituta, Kishinev, 1952, p 47.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, G.

CHIVU, G. Recovery of heat losses in the chemical industry. p. 464

Vol. 4, no. 10, Oct. 1956
ENERGETICA
TECHNOLOGY
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, C., geol.

Geologic and tectonic considerations on the Gladna Romina region, Poiana Rusca Mountains. Rev min 15 no.1:33-35 Ja '64.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, L.

TECHNOLOGY

Periodicals: CELULOZA SI HIRTIE. Vol. 7, no. 6, June 1958

CHIVU, I. Organizational problems in reed exploitation. p. 263.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, I.

Documents of the Plenary of the Central Committee, Rumanian Workers Party, November 26-28, 1958. p.=1.

CELULOZA SI HIRTIE. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia si Ministerul Industriei Petrolului si Chimie). Bucuresti, Rumania. Vol. 8, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, I.P., ing.; RUDESCU, L., ing.

Reed problem in the Danube Delta. Meteorologia hidrol gosp 7 no.1:3-9 '62.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, I.P., ing.; NEAGU, M., biolog.

Research on the acclimation of the Italian reed (Arundo-donax) in Rumania. Cel hirtie 13 no.1:1-5 Ja '64.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

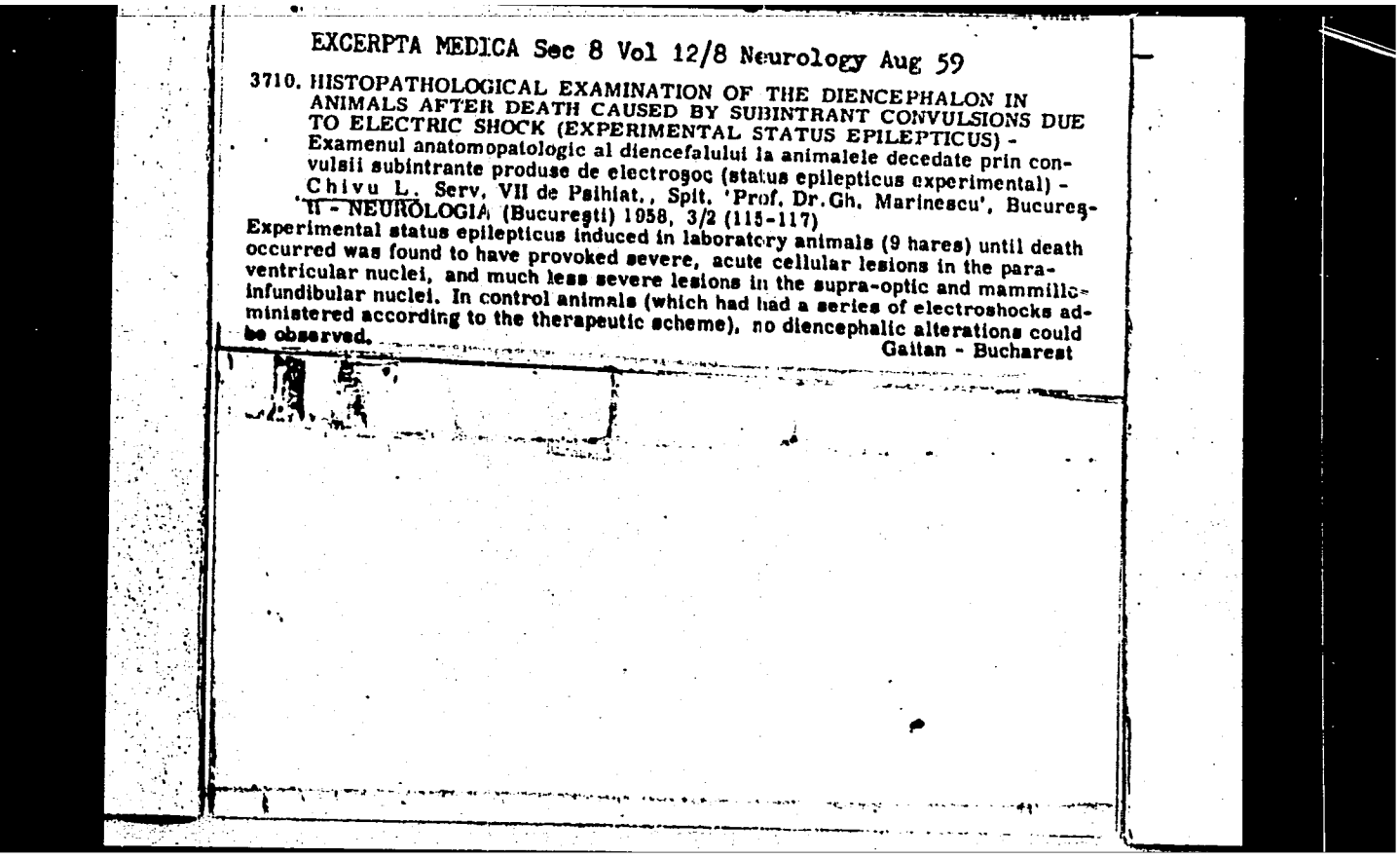
CIOBANU, E., ing.; RUDESCU, L., dr.; NICULESCU, C., ing.; CHIVU, I.P., ing.

Achievements in the problem of mechanized operation of reed during the last ten years in the Danube Delta. Cel hirtie 13 no.8: 268-278 Ag '64.

1. Corresponding Member of the Rumanian Academy (for Rudescu).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2



EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59

3710. HISTOPATHOLOGICAL EXAMINATION OF THE DIENCEPHALON IN ANIMALS AFTER DEATH CAUSED BY SUBINTRANT CONVULSIONS DUE TO ELECTRIC SHOCK (EXPERIMENTAL STATUS EPILEPTICUS) - Examenul anatomopatologic al diencefalului la animalele decedate prin convulsii subintrante produse de electrosoc (status epilepticus experimental) - Chivu L. Serv. VII de Psihiat., Spit. 'Prof. Dr. Gh. Marinescu', Bucuresti - NEUROLOGIA (Bucuresti) 1958, 3/2 (115-117)

Experimental status epilepticus induced in laboratory animals (9 hares) until death occurred was found to have provoked severe, acute cellular lesions in the paraventricular nuclei, and much less severe lesions in the supra-optic and mammillo-infundibular nuclei. In control animals (which had had a series of electroshocks administered according to the therapeutic scheme), no diencephalic alterations could be observed.

Gaitan - Bucharest

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, V.

GRIGHEL, N.; CHIVU, V.; POILECI, I.; LAZAR, D.; COSTA-FORU, D.

Effect of experimental convulsion on renal volume and secretion. Bul. stiint., sect. med. 6 no.3:663-685 July-Sept 54.

1. Comunicare prezentata de S.Iagnov, membru corespondent al Academiei R.P.R.in sedinta din 18 novembrie 1952.

(KIDNEYS, physiology
eff. of exper. convulsions, in dogs)
(CONVULSIONS, experimental
eff. on renal volume & secretion, in dogs)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

RUMANIA/Human and Animal Physiology - Nervous System. T-10

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32120

Author : Radulescu, I.C., Chivu, V., Moisanu, M., Goldhammer, L.
Inst : -
Title : Investigation of an Interoceptive Reflex of the Intestine. Reflex Arc. Influence of the Overlying Nerve Structures on the Activity of the Reflex Arc.

Orig Pub : Studii si cercetari neurol. Acad. RPR. Inst. neurol., 1956, 1, No 3-4, 351-372.

Abstract : Stimulation of receptors of an isolated intestinal loop by a solution of KCl caused a fall of the yield of perfusate (Tyrode's solution), an increase of general arterial pressure, and change of respiration. With an insufficiency of O_2 in the Tyrode solution, during an opening of the IV ventricle, and after the introduction of novocaine in the perfusate, these reactions diseappeared. Impulses with interoceptors are transmitted along the spine, and their

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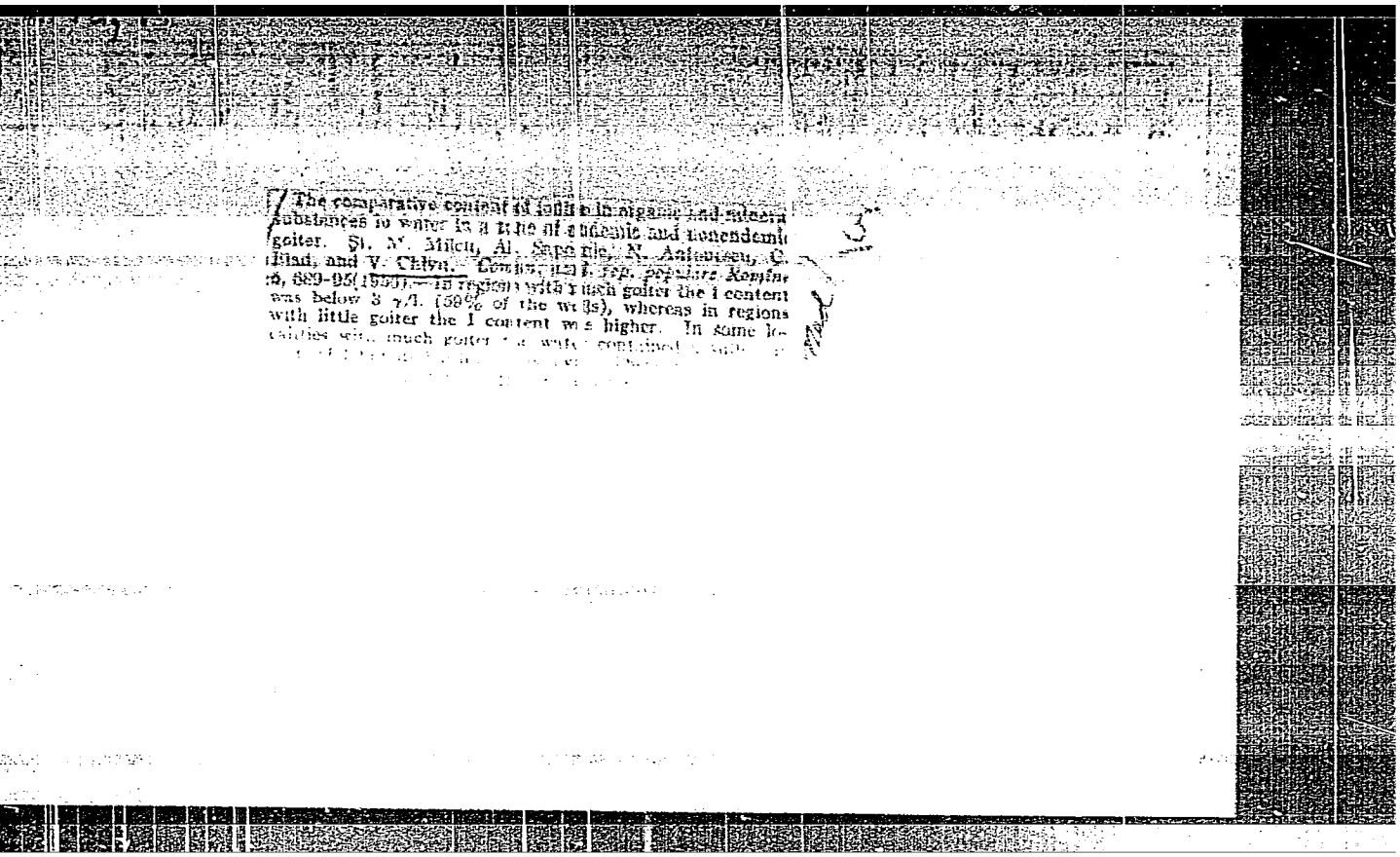

The comparative content of iodine in organic and inorganic substances in water in a zone of endemic and nonendemic goiter. St. N. Milcu, Al. Sapunaru, N. Antonescu, C. Iliad, and V. Chiva. Comptes rend. Soc. biol. Paris 148, 889-95(1954).—In regions with much goiter the I content was below 3 γ/l. (50% of the wells), whereas in regions with little goiter the I content was higher. In some localities with much goiter as well as [illegible]

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

RUMANIA / Human and Animal Physiology (Normal and Pathological). T
Nervous System.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60777

the return of the EEG to normal following the clamp application on the carotid arteries, a series of slow waves appeared again, and remained during the compression time and for some time after the release of pressure. In control animals the compression of the carotid arteries did not produce any changes in the EEG. The lability in the excitation of the cortical cells after I injection thus appeared to be more lasting in animals with a disturbed cerebral circulation. The change in cortical cell excitability manifested by the appearance of slow waves is related to the I effect on the retiform formation and on the reactivity of the carotid sinus. -- E. M. Sheynbaum

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

Country :
Category= :

V

Abs. Jour. : Ref Zhur-Biol, No 13, 1958, No 61370

Author :
Institut. :
Title :

Orig. Pub. :

Abstract : of the carotid sinus, sometimes without any effect on the blood pressure. This points to the existence, alongside with vasomotor centers of the medulla oblongata, of different from them vegetative centers connected with reflexogenic zones of the carotid sinus.-- E. M. Sheynbaum

Card: 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

SERBAN, Al. M.D.; CHIVU, Viorica; SAHLEANU, V.

Data on the action of serum gonadtropin and chorionic gonadotropin on the adrenal gland. Stud. cercet. endocr. 13 no.2: 251-257 '62.

(GONADTROPINS pharmacology) (ADRENAL GLAND pharmacology)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIVU, Viorica; STANCU, H.

The effect of triiodothyronine on the cortisol utilization curve in patients with Addison's disease. Stud. cercet. endocr. 13 no.2: 291-295 '62.

(TRIIODOTHYRONINE therapy) (HYDROCORTISONE metabolism)
(ADDISON'S DISEASE metabolism)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

BALACEANU, Mariana; CHIVU, Viorica; CIOBANU, V.

Investigations of the elimination of catecholamines in chronic evolutive polyarthritis. Stud. cercet. med. intern. 3 no.5:607-615 '62.

(ARTHRITIS) (CATECHOLAMINES)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

SEMEN, Ecaterina; IONESCU, B.; CHIVU, Viorica

Correlations between adrenaline, noradrenaline and mental activity. Stud. cercet. endocr. 16 no.1:61-65 '65.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

PETRESCU, Dorin; SCHIAU, S.; BOROS, I.; CHIZARI, Eugenia; DEBAU, D.; STOENESCU, R.

Changes in immunity reactions due to the effect of ionizing rays. Importance of dose and moment of irradiation. Rumanian M Rev. no.1: 225-230 Ja-Mr '61.

1. The "Prof. D. Danielopolu" Institute of Normal and Pathological Physiology of the R.P.R. Academy. Director: Gr. Benetato, Member of the Academy.

(RADIATION EFFECTS experimental)
(ANTIGEN-ANTIBODY REACTIONS experimental)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

GLAZOV, V.M.; CHIZEVSKAYA, S.N.

Magnetic susceptibility of germanium, silicon, and compounds with a ZnS lattice in the region of melting and in the liquid state. Fiz. tver. tela 6 no.6:1684-1687 Je '64.
(MIRA 17:9)

1. Institut metallurgii imeni Baykova AN SSSR, Moskva.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH,A.

Great changes. Prof.-tekh. obr. 12 no.7:5-6 Jl '55.
(MLRA 8:9)

1. Direktor uchilishcha mekhanizatsii sel'skogo khozyaystva no.4, Belorusskaya SSR
(Mogilev Province--Farm mechanization--Study and teaching)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, A.A., inzh.

Integrodifferential equations of the fluctuations of a mine rope with varying length. Izv. vys. ucheb. zav.; gor. zhur. 6 no.8:134-139 '63. (MIRA 16:10)

1. Odesskiy politekhnicheskiy institut. Rekomendovana kafedroy soprotivleniya materialov.

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KHLOPITSKIY, A.I., starshiy elektromekhanik; CHIZH, A.M., elektromekhanik

Checking the disconnection of alternating current and burnout of the signal light bulb on the run. Avtom.telem. i sviaz' 3 no.1:19-20 Ja '59. (MIRA 12:1)

1. Minskaya distantsiya signalizatsii i svyazi Belorusskoy dorogi.
(Railroads--Signaling)

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CHIKH, A.N., inzhener.

Controlling the strength of pipeline supports. Gidr.stroi. 26 no.6:38-42 Je '57. (MLRA 10:7)
(Pipelines)

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CHIZH, Antonina Nikolayevna; DRYAGIN,S.V., redaktor; CHUNAYEVA,Z.V., tekhnicheskiy redaktor

[Babesia of cattle] Babesiellez krupnogo rogatogo skota. Moskva, Gos.izd-vo selkhoz. lit-ry, 1955. 79 p. (MLRA 9:3)
(Babesia) (Cattle--Diseases)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

USSR / Diseases in Animals. Diseases Caused by Protozoa R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74234

Author : Smirnov, A. M.; Chizh, A. N.; Gaydukov, A. Kh.

Inst : Leningrad Veterinary Institute

Title : Test of the Natural Gastric Juice of Horses for Coccidiosis in Young Chicks and Rabbits

Orig Pub: Sb. rabot Leningr. vet. in-t, 1957, vyp. 16, 92-96

Abstract: It is shown that the natural gastric juice (NGJ) of horses given to young chicks for several days in the form of a drink for 20 to 30 minutes before feeding gives a positive result during treatment of coccidiosis. The appetite of the young chicks is increased; general condition and liveliness is improved. Deaths cease. A test of the comparative

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CHIZH, A. N., GAIDUKOV, A. KH., TARVERDYAN, T. N. and KOLABSKIY, N. A.

"The Development of a Method of Conserving Blood with a View to Retaining in it the Viability of the Dog Piroplasmosis and Cattle Babiellosis Virus."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Leningrad Veterinary Institute and Leningrad Institute of Blood Transfusion

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, A.S.

Study of the hyaluronidase activity of the blood serum in Bright's disease. Klin.med. 38 no.1:74-78 Ja '60. (MIRA 13:10)

(HYALURONIDASE) (KIDNEYS--DISEASES)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

BAYSOGOLOV, G.D.; DOSHCHENKO, V.N.; CHIZH, A.S.

Case of successful treatment with sarcolysin of a patient with myeloma. Probl.gemat.i perel.krovi no.8:51-54 '61.
(MIRA 14:9)

(ALANINE) (MARROW—TUMORS)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, A.S.

Effect of treatment with corticoid hormones from the adrenal gland and ACTH on hyaluronidase activity of the blood serum in Bright's disease. Terap.arkh. 33 no.8:91-95 '61.

(MIRA 15:1)

1. Iz 1-y kafedry terapii (zav. - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof M.S. Vovsi [deceased]) TSentral'nogo instituta usovershenstvovaniya vrachey i Gorodskoy klinicheskoy bol'nitsy No.52 (Moskva).

(BRIGHT'S DISEASE) (ADRENOCORTICAL HORMONES)
(HYALURONIDASE)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, A.S.

Hyaluronidase activity of the blood serum in nephritis and its change under the influence of hormone therapy. Zdrav.Bel. 8 no.12:24-27 D '62. (MIRA 16:1)

1. Iz 1-y kafedry terapii (zav. - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. M.S.Vovsi [deceased]) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva) i iz 52-y gorodskoy klinicheskoy bol'nitsy Moskvy (glavnyy vrach P.S.Petrushko).
(HYALURONIDASE) (KIDNEYS--DISEASES) (HORMONE THERAPY)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

BERNEY, I., kand.tekhn.nauk; MOSSIOLIK, E., inzh.; CHIZH, D., inzh.; TOBOL'SKAYA, L., inzh.

Large-panel houses made of concrete with pulverized quartz. Zhil. stroi. no.8:7-9 Ag '61. (MIRA 14:8)
(Magnitogorsk—Precast concrete construction)
(Apartment houses)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, G.I.

More about the problem of primary carcinoma of the middle ear.
Zhur. ush., nos. i gorl. bol. 20 no.5:14-18 S-O '60.
(MIRA 14:6)
1. Iz otolaringologicheskogo otdeleniya (zav. - prof. A.R.Kanamirov) gorodskoy bol'nitsy No.1 g. Rostov-na-Donu.
(EAR--CANCER)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, G.I., ordinator

Observation of spontaneous mobility of the tympanic membranes.
Vest.otorin. no.6:90 '61. (MIRA 15:1)

1. Iz otorinolaringologicheskogo otdeleniya (zav. - prof. A.R. Khanamirov) gorodskoy bol'nitsy No.1 Rostov-na-Donu.
(TYMPANIC MEMBRANE)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.

Thermal burns of 70 percent of the body surface ending in recovery. Zdrav. Belor. 5 no.11:61 N '59. (MIRA 13:3)

1. Iz Segnevichskoy sel'skoy bol'nitsy Berezovskogo rayona.
(BURNS AND SCALDS)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B.

Considering electron tubes as independent four-poles.
Izv. AN Uz. SSR. Ser. tekh. nauk no.5:31-34 '58. (MIRA 11:12)

1.Sredneaziatskiy nauchno-issledovatel'skiy institut irrigatsii.
(Electron tubes)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B.

Automation and remote control in irrigation systems and transient processes in canals. Trudy SANIIRI no.95:43-51 '58. (MIRA 13:6)

(Hydraulics)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B.

Floating automatic water level and discharge regulators. Trudy SANIIRI no.106:61-76 '60. (MIRA 14:5)
(Liquid level indicators)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

ANDREYEV, V.A.; KOLODKEVICH, D.P. [deceased]; ROZENBLAT, V.F.; CHIZH, I.B.

New technique of operating the South Golodnaya-Steppe Canal. Mat. po proizv. sil. Uzb. no.15:326-331 '60. (MIRA 14:8)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut irrigatsii, Tashkent, i Institut "Sredazgiprovodkhlopok".
(South Golodnaya-Steppe Canal)
(Remote control)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B. (Tash'kent)

Automatic and remote control in water distribution. Avtom. i telem. 22 no.8:1095-1099 Ag '61. (MIRA 14:9)
(Water distribution) (Irrigation)
(Automatic control)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I. B.

Design and experimental studies of a floating automatic device.
Vop. gidr. no.4:76-91 '62. (MIRA 15:10)

(Irrigation canals and flumes—Equipment and supplies)
(Automatic control)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B.

Principles of the mathematical analysis of water distribution in irrigation canals with proper sluice gates. Vop. gidr. no.10:37-55 '62. (MIRA 16:2)
(Irrigation)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.B.

Hydraulic theory of a water gauge well. Vop. gidr. no.16: 85-102 '63. (MIRA 17:11)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

BARATOV, K.B.; YUSUPOV, A.M.; CHIZH, I.M.; RZHEVSKAYA, V.I.; BURMAKINA, V.F.

Experimental study of a method for composting wastes in Stalinabad District; results of physical and chemical, bacteriological, and helminthological investigations. Zdrav. Tadzh. 7 no.4:26-29 Jl-Ag '60. (MIRA 13:9)

1. Iz Stalinabadskogo instituta epidemiologii i gigiyeny
(STALINABAD DISTRICT—REFUSE AND REFUSE DISPOSAL) (COMPOST)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2"

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Ghizh, I.V.

ZHUKOVA, T.A.; ZHILINSKAYA, I.N.; TAGIYEV, T.B.; ANDREYEVA, L.G.; CHIZH, I.V.

The results of quinocide therapy for tertian malaria having a short incubation period with quinocide in Azerbaijan. Med.paraz. i paraz. bol. 27 no.1:73-78 Ja-F '58. (MIRA 11:4)

1. Iz otdeleniya epidemiologii malyarii i organizatsii bor'by s malyariyey i drugimi parazitarnymi boleznyami Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G.Sergiyev, zav. otdeleniyem M.G.Rashina) i parazitologicheskogo otdela Asterinskoy sanitarno-epidemiologicheskoy stantsii Azerbaydzhanskoy SSR (zav. stantsiey G.Mamedov)

(ANTIMALARIALS, therapeutic use
quinocide in tertian malaria (Rus))

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

CHIZH, I.V.

Treatment of snake bites. Zdrav. Bel. 7 no.6:52 Je '61. (MIRA 15:2)

1. Iz Segnevichskoy sel'skoy bol'nitsy Berezovskogo rayona.
(VENOM)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

BAKALOV, A.N.; CHIZH, I.V.

Effectiveness of therapeutic and preventive measures in intensive foci of ascariasis. Med. paraz. i paraz.bol. 33 no.3:356 My-Je '64. (MIRA 18:2)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910017-2

AUTHORS: Pilat, I. M., Chizh, L. D., Voytyshen, S. Yu. 57-28-4-19/39

TITLE: Electric and Magnetic Properties of the ZnSb-CdSb System (Elektricheskiye i magnitnyye svoystva sistemy ZnSb-CdSb)

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 4, pp. 786-788 (USSR)

ABSTRACT: The physical properties of the Zn-Sb-Cd system were here investigated according to the pseudobinary section of the concentration-triangle. Spectrally pure Zn, Sb and Cd was used for the production of the samples, which was obtained by means of repeated distillation in a vacuum. The electric conductivity, the thermoelectric force and the Hall effect were measured in a usual compensation-circuit. The magnetizability was measured according to the Dorfman-Sidorov method (reference 8). The electric conductivity increases in all investigated samples with a rise of temperature. The activation energy changes in the domain of from 0,26 to 0,42 eV in dependence on the composition. The minimum for the isothermal lines of electric conductivity and the maximum of the activation energy in the domain of concentration corresponding to the CdSb+ +ZnSb-composition are characteristic. In the same domain the

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maximum of mobility, the minimum of magnetizability and the maximum of the thermodynamic force are observed. The magnetizability is practically independent of temperature, i.e. it is due to the absorption capacity of the lattice itself. This is also confirmed by the fact that the concentration of current-carriers calculated from the Hall effect is not high ($\sim 10^{18} cm^{-3}$). The Hall constant and the thermal e.m.f. in all samples had a positive sign. On an increase in the Cd-content a modification of the nature of the temperature-dependence in the thermal e.m.f is observed. On the basis of the measurement results given it may be concluded that the ZnSb-CdSb system forms a series of solid solutions with semiconductor-properties. The occurrence of strongly marked extreme values of physical characteristics in sample no. 6 (CdSb+ZnSb with 25 atomic% Cd, 25 atomic%Zn and 50 atomic% Sb) makes assume the formation of the chemical compound $ZnCdSb_2$.

A.G. Samoylovich, Professor and L.L. Korenblit, Candidate of Physical-Mathematical Sciences showed continuous interest for this work. There are 4 figures, 1 table, and 8 references, 6 of which are Soviet.

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Electric and Magnetic Properties of the ZnSb-CdSb System 57-28-4-19/39

ASSOCIATION: Chernovitskiy gosudarstvennyy universitet (Chernovtsy State University)

SUBMITTED: November 14, 1957

AVAILABLE: Library of Congress

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DEGTYAREVA, A.S.; MEYSAKHOVICH, Ya.A.; MINASYAN, G.D.; CHIZH, M.A.; SHELESTOVA, V.S.

Using the OPV sprayer in low-volume spraying of orchards. Zashch. rast. ot vred. i bol. 6 no.7:20-22 Jl '61. (MIRA 16:5)
(Spraying and dusting in agriculture)

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